CHAMBERLAINE 1648.

A New Almanacke

and Prognostication for the yeare of our Lord, 1648.

Qui est Annus bisextilis seu Intercalaris,
or Leape yeare.

The Astronomicall Calculation, being principally referred to the Meridian and Latitude of *Bury St. Edmunds* in *Suffolke*, where the Pole Arricke is elevated 52 degrees, and may serve generally for all *England*.

Made and set forth according to Art by *Joseph Chamberlaine*, Chirurgion, Student in the Mathematicks.

Cœli enarrant gloriam Dei fortis, & opus manuum ejus indicat expansum eorum.
Psalm 19.

LONDON,
Printed by T. W. for the Company of STATIONERS.
1648.

Generall Notes and Observations this yeare,

1648.

The Julian or English Accompt for this present yeare, 1648		Gregorian or Roman Accompt for this present yeare, 1648.
15	The Golden number	15.
5.	The Cycle of the Sun	5
B.A	The Dominicall letter,	B.D.
1.	The Roman Indiction,	1.
15.	The Epact,	5.

Februar. 13	Shrove Sunday,	Febr. 23.
Februar 20	First Sunday in lent	March 1.
Aprill 2.	Easter Sunday	Aprill 12.
May 11.	Ascencion day	May 21.
May 21.	Whitsunday,	May 31
Decemb. 3	Advent Sunday,	November 29.

From Christmas day to Shrovesunday is 7 weeks and 1 day.	From Christmas day Shrove sunday is 8 [illegible] and 4 dayes.
Betweene Trinitie and Advent are 16 weekes.	Between Trinitie a Advent is 24 weekes.

Ember Dayes.

February 23.	March 4.
May 24.	June 3.
Septemb. 20.	Septemb. 16.
Decemb. 20.	Decemb. 16.

A perfect Table of the foure Termes and of their Returnes. 1648.

Hilary Terme begins January the 24. and ends February the 12 and hath 4 returnes.

Octab. Hillar.	Januar. 20.	Craftin. Purif.	Feb. 3.
Quind. Hillar.	Januar. 27.	Octab. Purif.	Feb. 9.

Easter Terme begins April 19 and ends May the 15. and hath 5. returnes.

Quind. Paſch.	April 17.	Quinq. Paſch.	May 8.
Tres Paſch.	April 24.		
Menſ. Paſch.	May 1.	Craft. Aſcen.	May 12.

Trinitie Terme begins June the second, and ends June 21 and hath 4 returnes.

Craft. Trin.	May 29.	Quind. Trin.	June 12.
Octab. Trin.	June 5.	Tres Trin.	July 19.

Michaelmas Terme begins October the 23. and ends November 18 and hath 6. returnes.

Tres Mich.	Octob. 20.	Craft. Mart.	Novem 13.
Menſ. Mich.	Octob. 27.	Octab. Mart.	Novem. 18.
Craft. Ani.	Novem. 3.	Quind. Mart.	Novem. 25.

Note that the Exchequer alwayes openeth 8. dayes before any Terme beginneth, except Trinitie Terme, in which it openeth but 4. dayes before.

February hath xxix. dayes.

☾ Last quarter the 5 day, at 3 aclock 22 min. after noon
● New moon the 13 day, a quarter of an houre before
☽ First quarter, the 21 day, at 2 aclock, 49 min. after
● Full moon the 28 day, at 9 aclock 29 min. before

Dayes of the Moneth	Dayes of the week	Sts. dayes, moveable Feasts and places of the Planets.	Place of the moon every day at noon.	Moones age	The Aspects of the Planets amongst themselves, and with the Moone.	The Moones
1	D		Virg. 27	18	△ ☿ ☽. △ ♃ ♀	7
2	E	Purific. of Mary	libra 12	19	□ ♀ ☽	7
3	F	Craft Purifica.	26	20	△ ♂ ☽.	7
4	G	♄ 25. 3 ♉	scorp. 10	21	□ ☿ ☽. □ ☉ ♄	7
5	A	♃ 5. 16 ♏	24	☾	□ ♂ ☽. ♂ ♄ ☽	7
6	B	Sex. Sund.	sagit. 7	23	□ ♃ ☽	7
7	C	♂ 23. 11 ♐	20	24		7
8	D	♀ 13. 4 ♑	capr. 3	25	△ ♃ ☽. ☽ ♌	7
9	E	Octab. Puficria.	☉ ent ♓	26	♂ ♀ ☽.	7
10	F	☿ 15. 26 ♐	△ 27	27	□ ♄ ♂	6
11	G	♌ 29 54 ♊	aquar. 9	28	☽ Savag.	6
12	A	Terme ends	21	29	♂ ☿ ☽. ♂ ♂ ☽. □ ♄	6
13	B	Shrove sunday	pisces 3	●	♂ ♃ ☽ ♂ ☉ ♃ ☽ ap.	6
14	C	Valentine	15	1	✱ ♀ ☽.	6
15	D	♄ 25. 32 ♉	27	2	✱ ♄ ☽	6
16	E	♃ 3. 53 ♐	aries 9	3	□ ♄ ☿. ☽ Savag	6
17	F	♂ 1. 1 ♓	2	4	□ ♀ ☽	6
18	G	♀ 24. 34 ♑	Taur. 3	5	△ ♃ ☽.	6
19	A	☿ 1. 50 ♓	15	6		6
20	B	Quadra. Sund.	28	7	□ ♃ ☽. □ ♂ ☽	6
21	C	♄ 25. 53 ♉	gem. 10		□ ☿ ☽.	6
22	D	♃ 3 8 ♐	23	9	☽ ♌	6
23	E	♂ 5 43 ♓	canc. 7	10	△ ☿	6
24	F	♀ 0. 4 ♐	20	11		6
25	G	Mathias Ap.	leo 5	12	♂ ♀ ☽	6
26	A	☿ 14 57 ♓	20	13	□ ♄ ☽	6
27	B	1 Sund. in lent.	virg. 5	14	♂ ♃ ☽ ♂ ☽. peri	6
28	C	♌ 29. 0 ♊	20	●	△ ♄ ☽. ♂ ☉ ☿	6
29	D		libra 5	16	△ ♀ ☽	6

Last quarter the 6 day, at 4 aclock, 41 min. in the morning.
New Moon the 14 day, at 6 aclock 35 min. in the morning.
First quarter the 22 day, at 3 aclock in the morning.
Full Moon the 28 day, at 6 aclock, 7 min. at night.

D	♄ 6. 31 ♉	libra	20	17			6	18
C	♃ 2. 3 ♍	scor.	5	18	□ ☿ ☽		6	16
F	♂ 12 46 ♓		19	19	△ ♂ ☽		6	14
S	☿ 10. 1 ♎	sagit.	3	20	☌ ♄ ☽. □ ♃ ☽		6	12
S	☉ sun in Lent.		17	21	□ ♂ ☽		6	10
D	♀ 1. 43 ♈		29	☾	□ ♀ ☽. ☽ ☌		6	8
C	☌ 28. 35 ♊	capr.	12	23	✶ ♂ ☽. ✶ ☉ ♄		6	4
D			24	24	△ ♄ ☽.		6	2
S	☉ enters ♈	aquar.	6	25	☽ Savage.		6	●
F			18	26	☌ ☿ ☽		6	58
S		pisc.	0	27	□ ♄ ☽. ☌ ♃ ☽.		6	56
M	4. Sun in lent		12	28	☽ apog.		5	54
D	♄ 27 33 ♉		24	29	☌ ♂ ☽.		5	52
C	♃ 0. 47 ♍	aries	6	●	☉ ☽ ☌		5	50
D	♂ 22 8 ♓		18	1	☌ ☿ ☽		5	48
C	☿ 23. 34 ♎	taur.	0	2	△ ♃ ☽		5	46
F	♀ 20 59 ♈		12	3	☽ savage		5	44
S	☌ 28. 0 ♊		25	4	☌ ♄ ☽. □ ☿ ☽		5	42
S	☉ sun in lent	gem.	7	5	□ ♃ ☽		5	40
M	☉ 10. 26 ♈		20	6	☽ Va curs.		5	38
C	♄ 28. 20 ♉	Canc.	3	7	□ ♂ ☽.		5	36
D	♃ 0 3 ♍		16	☽			5	34
C	♂ 29. 9 ♓	leo	0	9	□ ☿ ☽		5	32
F	☿ 3. 54 ♓		14	10	△ ☉ ☽		5	30
S	Annun. Mary		28	11	□ ♄ ☽. ☌ ♃ ☽. ☌ ☿ ☽		5	28
S	Palme, sunday	virg.	13	12	☽ Savage.		5	26
M	mit. Rex/Caro		28	13	☌ ♂ ☽. ☽ perig.		5	24
C	♀ 6. 55 ♉	libra	14	●	☌ ☉ ☽		5	22
D	☌ 27. 25 ♊		29	15			5	20
C	☉ 20. 15 ♈	scor.	13	16	☌ ☿ ☽		5	18
			28	17	☌ ♄ ☽. □ ♃ ☽.		5	16

☾ Last quarter the 4 day, at 7 aclock at night.
● New moon the 12 day, at 10 aclock, 40 min at nig
☽ First quarter the 20 day, at 11 aclock, 30 min be'o e
◉ Full moon the 27 day, at 2 aclock, 40 min. i.. the mo

1	✠			sagit.	12	18	☐ ☿ D. ☐ ♄ ♅	♑
2	✠	Easter Sund.			25	19	△ ♅ D. ☌ ♌	♑
3	b	♄ 29. 46 ♉		capr.	8	40	△ ♀ ☽	♑
4	c	♅ 29. 24 ♋			21	☾	☐ ☉ ☽	♑
5	d	♂ 8. 25 ♍		aqua.	3	22	△ ♄ D	♑
6	e	☿ 17. 50 ♓			15	23	☐ ☿ ☽	♑
7	f	♀ 15 0 ♉			27	24	☐ ♄ ☽ ☍ ♅ D	♑
8	g	♌ 26 53 ♊		pisc	9	15	D apog	♑
9	✠	☉ entera ♉			21	26	☌ ☿ ☌.	♑
10	b	♄ 0. 35 ♊		aries	3	27		♑
11	c	♅ 29. 13 ♋			15	28	☌ ☍ D.	♑
12	d	♂ 13. 47 ♍			27	●	☌ ☉ ☽	♑
13	e	☿ 26 2 ♓		Taur.	9	1	☌ ♀ D	♑
14	f	♀ 14 19 ♉ Ret.			22	2	♄ V. Curs	♑
15	g	♌ 26. 31 ♊		Gem.	4	3	☍ ♄. ☐ ♅ ☽.	♑
16	✠	2 Sund aft. East			17	4		♑
17	b	Quind. Pasch.		cancer	0	5	☐ ☿ D.	♑
18	c	♅ Direct.			13	6		♑
19	d	Terme begins			26	7	☐ ☍ ☽	♑
20	e	☉ 10. 38 ♉		Leo	10		☐ ☿ ☽. ☌ ☉ ☿	♑
21	f				24	9	✶ ♅ ☽	♑
22	g			virgo	8	10	☐ ♄ D	♑
23	✠	3 Sund. aft. East			13	11	D per ☍.	♑
24	b	Tres Pasch		Libr.	7	12	☍ ♀ ☽.	♑
25	c	Marke Evang.			22	3	☍ ♐ ☽	♑
26	d	♄ 2. 37 ♊		scorpi.	7		☍ ☿ ☽	♑
27	e	♅ 29. 22 ♋			22	15	☍ ☉ D	♑
28	f	♂ 25. 5 ♍		sagit.	6	16	☍ ♄ D. ☐ ♅ ☽	♑
29	g	♀ 14. 54 ♍			20	17	D Va. Curs.	♑
30	✠	4 Sun aft East.		capr.	3	18	D ♑	♑
31								

Last quarter the 4 day, at 11 aclock, 10 min before noon
New moon the 12 day, 3 quarters of an houre after noon.
First quarter the 19 day, at 5 aclock, 19 min at night.
Full moon the 26 day, at noone.

b	Philip & Jaco:	Mens. P	1	9	☐ ☿ ☽	4	23
c	♄ 3. 24. ♊	capri	29	10	☽ ☌ ☽. ☐ ☿ ☽.	4	21
d	♃ 19 38 ♌	aqua.	11	2.	△ ♃ ♂	4	20
e	♂ 0. 29 ♉		24	☾	☌ ♃ ☽.	4	18
f	☿ 21. 1 ♈	visc.	5	23	☐ ♄ ☽	4	17
g	☿ 2 34 ♉ Dir		17	24	☽ Savag.	4	15
A	5. Sun. aft. Easter.		29	25	☽ apog.	4	13
b	Quinq Pasch.	aries	11	26	☽ Savag.	4	12
c	♋ 25. 16 ♊		23	27	☌ ☿ ☽ ☌ ☍ ☿	4	10
d	☉ enters ♊	taur.	5	28	☌ ♀ ☽ ☌ ☿ ☽ ☐ ☉ ♃	4	9
e	Ascension day		28	29	☽ Va. Curs	4	7
f	Craft. Ascen.	gem	0	●	☌ ♄ ☽. ☐ ♃ ☽	4	6
g			13	1	☽ Savag	4	5
A	6. Sun. aft. Easter.		26	2	☽ ♌	4	4
b	Termen.	cinc.	10	3		4	2
c	♄ 5 17 ♊		23	4	☌ ☉ ♄.	4	1
d	♃ 0 17 ♍	leo	7	5	☐ ☌ ☐ ☿ ☐ ☿ ☽	4	0
e	♂ 10. 54 ♈		21	6	☽ Va. curs.	3	58
f	☿ 8 43 ♉	virgo	4		☐ ♄ ☽. ☌ ♃ ☽.	3	56
g	☿ 16 26 ♉		19	8	△ ☿ ☽	3	55
A	Whitsunday	libra	3	9	☽ prig	3	54
b	☉ 11 21 ♊		17	10	☽ Vacuus	3	53
c	♄ 6. 14 ♊	Scor.	2	11		3	53
d	♃ 1. 18 ♍		16	12	☌ ☌ ☽. ☌ ☿ ☽.	3	52
e	♂ 16. 3 ♉	sagit.	0	13	☌ ♄ ☽. ☐ ♃ ☽	3	51
f	☿ 17. 6 ♉		14		☌ ☉ ☽	3	50
g	☿ 27. 13 ♉		28	15	△ ♃ ☽.	3	49
A	Trinitie Sund.	Capr.	11	16	☽ Savag.	3	49
b	Craft. Trinit.		24	17	△ ☌ ☽. △ ☿ ☽	3	48
c	♋ 24. 8 ♊	aquar.	7	18	☐ ♄ ☿	3	47
d	☉ 19. 56 ♊		19	19	☐ ☌ ☽ ☐ ☿ ☽	3	47

☾ Last quarter the 3 day, at 4 aclock, 15 min in the m
● New moon the 11 day, half an houre before 1 in the
☽ First quarter the 17 day, at 10 aclock at night.
○ Full moon the 24 day, at 11 aclock, 10 min. at night.

1	c	Corpus Christ.	pisc.	2	20	♂♃☽□☿☽□♄☽	3
2	d	Terme begins		13	21	♂♌☿	3
3	e	☉ 11. 48 ♊		25	☾	☽ apog.	3
4	f	1 Sun. aft. Trin.	aries	7	23	✶☿☽	3
5	g	Octab. Trin.		19	24	✶☉☽	3
6	a	♄ 6. 6. ♊	taur.	1	25	△♃☽.	3
7	b	♃ 3. 1 ♍		13	26	☽ Savag.	3
8	c	♂ 26. 13 ♉		26	27	♂♂☽. ♂♀☽.	3
9	d	♀ 3. 56 ♊	gem.	9	28	♂♄☽	3
10	e	☿ 22. 7 ♊		22	29	♂☿☽. ☽♋	3
11	f	☉ enters ♋	canc.	5	●	♂☉☽.	3
12	g	Quind. Trin.		19	1	☽ Va. Curs.	3
13	a	♋ 23. 23 ♊	leo	3	2	♂♄♀.	3
14	b	♄ 9. 8 ♊		17	3	☽ Va. curs.	3
15	c	♃ 4. 11 ♍	virgo	1	4	♂♃☽. □♂☽.	3
16	d	♂ 1. 57 ♊		15	5	□♄☽ □♀☽	3
17	e	♀ 13. 35 ♊	libra	0	6	□☿☽. ♂☉☿	3
18	f	3 Sun. aft. Trin.		14	☽	△♄☽.	3
19	g	Fres Trinit.		28	8		3
20	a	☉ 8. 58 ♋	Scor.	12	9	△☿☽	3
21	b	Terme ends		26	10	□♃♂	3
22	c	♄ 10. 8 ♊	sagit.	9	11	♂♄☽. ♂♂☽.	3
23	d	♃ 5. 28. ♍		23	12	♂♀☽. ☽♋	3
24	e	John Bapt.	Capr.	6	●	△♃☽.	3
25	f	4 sun. aft. Trin		19	14	♂☿☽.	3
26	g	♂ 9. 1 ♊	aquar.	2	15	☽ Savag.	3
27	a	♀ 25. 42 ♊		15	16	△♄☽ △♂☽	3
28	b	☿ 26. 12 ♋		27	17	△♀☽	3
29	c	Peter Apostle	Pisces	9	18	□♄♂♃□♂☽	3
30	d	♋ 22. 32 ♊		21	19	☽ apog.	3

Last quarter the 2 day, at 9 aclock, 21 min. at night.
New moon the 10 day, at 10 aclock, 26 min. before noone
First quarter the 17 day, about 3 aclock in the morning.
Full moon the 24 day, at 11 aclock, 8 min. before noone.

♃		aries	3 20	☐ ☿ ☽.		3	53
☿	5. Sun aft. Trin.		15 ☾	☐ ☉ ☽		3	53
♄	♄ 11. 27 ♊		27 22			3	54
♂	♃ 7. 22 ♍	Taur.	9 23	☐ ☿ ☽		3	55
♃	♂ 15. 18 ♊		21 24	✶ ☉ ☽		3	56
♃	♀ 6. 38 ♋	Gem.	4 25	☐ ♃ ☽		3	57
♂	☿ 12 40 ♌		17 26	♂ ♄ ☽.	♂ ♂ ☽.	3	58
♃	♍ 22. 4 ♊	cancer	27	☽ Savag		3	59
☽	6 Sund. aft. Tri.		14 28	♂ ♀ ☽.		4	0
♄			28 ●	♂ ☉ ☽		4	1
♂		Leo	12 1			4	2
♃	☉ enters ♌		27 2	♂ ☿ ☽		4	4
☿	♄ 12. 32 ♊	virgo	11 3	☐ ♄ ☽.	♂ ♃ ☽	4	5
♂	♃ 9. 14 ♍		26 4	☐ ♂ ☽		4	6
♃	♂ 21. 9 ♊	Libr.	10 5	△ ♄ ☽		4	8
☽	7 Sun. aft. Trin.		25 6	☐ ☿ ☽.		4	9
♄	☿ 20. 4 ♋	scorpi.	9 ☽	☐ ☉ ☽		4	10
♂	☿ ☌ 39 ♍		22 8	△ ♀ ☽		4	12
♃	♍ 21. 29 ♊	sagit.	6 9	♀ ♄ ☐ ♃ ☐ ☿ ☽		4	13
♃	Dog dayes beg.		19 10	♀ ♂ ☽		4	15
♂	☉ 8. 32 ♌	capr.	2 11	△ ☿		4	17
♃			15 12			4	19
☽	8 Sun. aft. Trin.		28 13	♀ ☿ ☽.		4	21
♄		aqua.	11 ●	△ ♄ ☽		4	23
♂	games Apollo		23 15			4	25
♃	♄ 13. 48 ♊	pisc	6 16	♀ ☿ ☽		4	26
☿	♃ 11. 50 ♍		18 17	☐ ♄ ☽.	♂ ♃ ☽	4	28
♂	♂ 0. 55 ♋	aries	0 18	☐ ♂ ☽		4	30
♃	☿ 4. 46 ♌		11 19	△ ☉ ☽		4	32
☽	9 Sund. aft. Trin.		23 20	☐ ♄ ☿		4	33
♄	♀ 14. 35 ♍	Taur.	5 21	☐ ☿ ☽		4	35

☾ Last quarter the 1 day, at 2 aclock afternoone.
● New Moon the 8 day, at 6 a clocke, 51 min. at night.
☽ First quarter the 15 day, at 9 aclock 38 min before no
○ Full Moon the 23 day, at 1 aclock, 44 min. in the mor
☾ Last quarter the 31 day, a 5 aclock, 22. min in the mor

1	S	♄ 14. 19 ♊	taur.	17	☾			4
2	M	♅ 13. 4 ♍		29	23	☽ Va. Curs.		4
3	T	♂ 4. 54 ♋	gem.	12	24	♂ ♄ □ ♅ □ ☿ ☽.		4
4	W	♀ 12. 9 ♌		25	25			4
5	T	☿ 16 0 ♍ Ret.	canc.	8	26	♂ ♂ ☽		4
6	F	10 un. ar. Trin.		22	27			4
7	S	♌ 20. 28 ♊	leo	6	28			4
8	S.	♄ 14. 51 ♊		21	●	♂ ♀ ☽		4
9	M	♅ 14. 32 ♍	Virg	6	1	□ ♄ ☽ 14 22		4
10	T	♂ 9. 29 ♋		21	2	♂ ♅ ☽. ♂ ☿ ☽		4
11	W	♀ 20. 47 ♌	libr.	6	3	□ ♂ ☽.		4
12	T	☉ enters ♍		20	4			4
13	F	11. Su aft. Trin	scorp.	5	5	△ ♂ ☽		5
14	S	☿ 10 54 ♍		19	6	□ ♀ ☽.		5
15	S	♌ 20. 3 ♊	Sagi.	3	☽	□ ☿ ☽		5
16	M	♄ 15. 21 ♊		16	8	♂ ♄ ☽. □ ♅ ☽		5
17	T	♅ 16. 15 ♍		29	9	△ ♀ ☽		5
18	W	♂ 14. 39 ♋	capr.	12	10	♂ ♂ ☽		5
19	T	♀ 0 41 ♍		25	11	♂ ☉ ☿ ☽		5
20	F	12 Sun. af. Trin.	aquar	7	12	☽ savage.		5
21	S	☿ 4. 2 ♍		20	13	△ ♄ ☽.		5
22	S	19 41 ♊ ♌	pisces	2	14	♂ ♀ ☽. ♂ ☿ ☽.		5
23	M	☉ 10. 18 ♊		14	☽	□ ♄ ☽. ♂ ♅ ☽.		5
24	T	Bartmol. Apost		26	16	☽ apog.		5
25	W	☿ ☿ Direct	Aries	8	17	☽ savage.		5
26	T	Lion dayes end		20	18	□ ♂ ☽.		5
27	F	13 Su. aft. Trin.	taur.	2	19	△ ☿ ☽		5
28	S	♄ 15. 55 ♊		14	20	△ ♀ ☽		5
29	S	♅ 18. 50 ♍		26	21	□ ☿ ☽. □ ☉ ♄		5
30	M	♂ 22. 13 ♋	Gem.	8	22	♂ ♄ ☽ 14. 44.		5
31	T	♀ 15. 34 ♍		20	☾	□ ♅ ☽. □ ☿ ☽		

New Moon the 7 day, at 3 aclock in the morning.
First quarter the 13 day, at 7 aclock, 22 min. at night.
Full Moon the 21 day, at 6 aclock, 10 min. at night.
Last quarter the 29 day, at 6 aclock, 51 min. at night.

S	♄ 16. 3 ♊		anc. 3	24			5	38
M	♃ 19 42 ♍		16	25	☌ ☉ ♃		5	40
T	14 sun. aft. Trin		leo 0	26	☌ ☌ ☽		5	42
W	♂ 25 18 ♋		14	27			5	44
T	♀ 21. 47 ♍		29	28	☌ ☿ ☽		5	46
F	☿ 6. 6 ♍		virg. 14	29	□ ♄ ☽. ☌ ♃ ☽.		5	48
S	☊ 18. 50 ♊		29	●	☌ ☿ ☽. ☽ perig.		5	50
S	♄ 6 12 ♊		libra 14	1	☌ ☉ ♀		5	52
M	♃ 21. 13 ♍		29	2	□ ♂ ☽.		5	54
T	15 sun aft. Tri.		scor. 14	3	✶ ♃ ☽.		5	56
W	♂ 29. 35 ♋		29	4	△ ♂ ☽		5	58
T	☉ enters ♎		sagit. 13	5	☌ ♄ ☽. □ ☿ ☽		6	0
F	♀ 1. 46 ♎		27	☽	□ ♃ ☽. □ ♀ ☽		6	2
S	☿ 15. 27 ♍		capr. 9	8	△ ☿ ☽		6	4
S	☊ 18 24 ♊		22	9	□ ♄ ☿		6	6
M	♄ Ret.		aquar. 4	10	☌ ☌ ☽. △ ♀ ☽		6	8
T	16. Sun aft. Tri.		17	11	△ ♄ ☽.		6	10
W	♄ 16. 16 ♊		29	12	☽ Va. curs.		6	12
T	♃ 23 21 ♍		pisc. 11	13	□ ♄ ☽. ☌ ♃ ☿		6	14
F	♂ 4 57 ♌		23	14	☌ ♃ ☽. ☌ ☿ ☽.		6	16
S	Mathew Apost.		aries 5	☽	apog.		6	18
S	☉ 9. 40 ♎		17	16	☌ ♀ ☽		6	20
M			29	17	☽ ☽ Va. curs.		6	22
T	17 sun. aft. Tri.		taur. 11	18	□ ♂ ☽		6	24
W	♄ 16. 11 ♊		23	19	△ ♃ ☽		6	26
T	♃ 24. 50 ♍		gem. 5	20	△ ☿ ☽		6	28
F	♂ 9. 1 ♌		17	21	☌ ♄ ☽. ☽ ☊		6	30
S	♀ 20. 33 ♎		29	22	□ ♃ ☽		6	32
S	Michael Archa.		Canc. 12	☾			6	34
M	☿ 10. 39 ♎		25	24	□ ♀ ☽		6	35

New Moon the 6 day, halfe an houre before noone.
First quarter the 13 day, at 8 aclock 38 min in the n
Full Moon the 21 day, at noone.
Last quarter the 29 day, at 6 aclock, 16. min. in the m

1		18 Sun aſt. Trin.	leo	9	25	☌ ☍ ☽	
2	b	☉ 19. 35 ♎		23	26	✶ ☿ ☽	
3	c	♄ 15. 59 ♊	Virg.	7	27	△ ♄ ☿. ☽ ſavage.	
4	d	♃ 26. 30 ♍		22	28	□ ♄ ☽. ☌ ♃ ☽.	
5	e	♂ 13. 33 ♌	libr.	7	29	☽ Perig.	
6	f	☿ 0 36 m		23	●	△ ♄ ☽. ☌ ☿ ☽	
7	g	☿ 22 44 ♎	ſcorp.	8	1	□ ☍ ☽. ☌ ☿ ☽	
8	a	19. Su. aft. Trin		23	2		
9	b	♄ 15 46 ♊	Sagi.	7	3	☌ ☉ ☿	
10	c	♃ 27. 4. ♍		21	4	☍ ♄ ♃. □ ♃ ☽	
11	d	♂ 16. 52 ♌	capr.	5	5		
12	e	♀ 8. 8 m		18	6	☽ Va. Curſ.	
13	f	☉ entera m	aquar.	1	☽	△ ♃ ☽. □ ☿ ☽	
14	g	☿ 4. 56 m		14	8	△ ♄ ☽. ☍ ☍ ☽.	
15	a	☊ 16. 19 ♊		26	9	☽ Va. Curſ.	
16	b	♄ 15. 24 ♊	piſces	8	10	△ ☿ ☽. △ ☿ ☽	
17	c	♃ 29 5 ♍		20	11	□ ♄ ☽.	
18	d	Luke Evan.	Aries	2	12	☍ ♃ ☽.	
19	e	♂ 21. 9 ♌		14	13	☽ apog.	
20	f	Tres Michael		26	14	△ ☌ ☽	
21	g	♀ 19. 29 m	taur.	8	●	☍ ☉ ☽.	
22	a	☉ 9. 35 m		20	16	☍ ☿ ☽ □ ☌ ☍ ☿	
23	b	Terme begins	Gem.	2	17	△ ♃ ☽	
24	c	♄ 14. 57 ♊		14	18	☌ ♄ ☽	
25	d	♃ 0. 35 ♎		26	19	□ ♃ ☽.	
26	e	☌ 24. 45 ♌	canc.	9	20	△ ☉ ☽	
27	f	Menſ. Mich.		22	21	△ ☿ △ ☿ ☽ ☌ ☿ ☿	
28	g	Simon & Iude	leo	5	22		
29	a	☿ 29. 34 m		19	☾	□ ☉ ☽.	
30	b	☿ 1. 40 ♐	virgo	2	24	☌ ☌ ☽. □ ☿ ☽.	
31	c	☊ 15. 58 ♊		17	25	□ ♄ ☽.	

ew moon the 4 day, at 9 aclock, 35 min. at
rſt quart the 12 day, at 1 aclock, 49 min. in
ull moon the 20 day, at 6 aclock, 11 min. in
ſt quarter the 27 day, at 4 aclock at night.

All Saints

☉ 20. 49 ♏
Craſt. Animi.

Papiſts. Conſ.

♄ 14. 1 ♊
♃ 2. 52 ♎
♂ 1. 3 ♍
☿ 3. 26 ♐
♀ 17. 25 ♐
☉ entere ♏

24 Sun. aft. Tri.
Craſt. Mart.

♄ 13. 21 ♊
♃ 4. 8 ♎
♂ 4. 36 ♍
☿ 23. 30 ♐
Octab. Mart.
25. Sun. af. Trin
☿ 27. 40 ♐
♌ 14. 51 ♊
☉ 10 58 ♐
♄ 12 35 ♊
♃ 5. 26 ♎
Quind. Mart.
26 Sun. af. Trin
♐ 9 2 ♍
Terme ends
☿ 8. 37 ♑
Andrew Apoſt

libra 1	26	☌ ♃ ☽	7 35
16	27	☽. perig	7 37
ſcorp. 1	28	✶ ☌ ☽	7 39
16	●	☌ ☉ ☽	7 40
ſagit. 1	1	□ ☌ ☽.	7 41
15	2	☍ ♄ ☽. ☌ ☿ ☽	7 43
capr. 0	3	□ ♃ ☽. ☍ ♄ ♅	7 45
13	4	☽ ſavag.	7 47
27	5	☍ ♄ ☿.	7 48
aqua 10	6	△ ♄ ☽	7 50
22	☽		7 51
piſc. 5		☍ ☌ ☽. □ ♄ ☽. 17	7 52
17	9	□ ☿ ☽ □ ♅ ☽	7 54
29	10	☍ ♃ ☽	7 55
aries 10	11		7 56
22	12	☽ apog.	7 58
taur. 4	13	△ ☌ ☽.	7 59
16	14	☽ Savage.	8 0
28	15	□ ☌ ☽. 14 o p.	8 1
gem. 11	●	☽ Eclipſed.	8 3
23	17	☍ ☿ ☽. ☍ ♅ ☽.	8 4
canc. 6	18	□ ♃ ☽.	8 5
19	19	☽ Va. curſ.	8 6
leo 2	20	☍ ☉ ♄	8 7
15	21		8 7
29	22	△ ☿ ☽. △ ♅ ☽	8 8
virg. 13	☾	□ ♄ ☽. ☌ ☌ ☽	8 9
27	24	□ ♅ ☽	8 10
lib a 11	25	☌ ♃ ☽. □ ☿ ☽	8 11
26	26	☽ perig.	8 12

● New moon the 4 day, at 9 aclock, 19 min before noo
☽ First quart the 11 day, at 10 aclock, 7 min at night.
○ Full moon the 19 day, at 11 aclock at night.
☾ Last quarter the 27 day, 3 qua. ter before one in the mo

1	f	☉ 10. 9 ♐	scor.	0	27			
2	g	♋ 14. 17 ♊		25	28	☌ ♄ ♀		
3	a	Advent sunday	sagit.	9	29	☌ ♄ ☽. □ ♂ ☽		
4	b	♄ 11. 39 ♊		24	●	☌ ♀ ☽. □ ♄ ♂		
5	c	♃ 6. 48 ♎	capr.	8	1	□ ♃ ☽. △ ♂ ☽		
6	d	♂ 12. 8 ♍		21	2	☌ ♀ ☽		
7	e	♀ 18. 39 ♈	squa.	5	3	△ ♃. ☽		
8	f	☿ 27. 36 ♐ R.		18	4	△ ♄ ☽		
9	g	♋ 15. 54 ♊	pisc.	0	5	☌ ☉ ☿		
10	a	1. Sun. in Adv.		13	6	□ ♄ ☽. ☌ ♂ ☽.		
11	b	☉ enters ♈		25	☽	□ ☍ ☽		
12	c	♄ 11. 0 ♊	aries	7	8	☌ ♃ ☽		
13	d	♃ 7. 36 ♎		18	9	△ ☿ ☽. ☽ apog.		
14	e	♂ 14. 28 ♍	taur.	0	10	□ ☿ ☽		
15	f	♀ 28. 40 ♈		12	11	△ ♂ ☽.		
16	g	☿ 22. 52 ♐		24	12	△ ☿ ☽		
17	a	2. Sun. in Adv.	gem.	7	13	☌ ♄ ☽ △ ♃ ☽		
18	b	♋ 13. 26 ♊		19	14	□ ♂ ☽ ☌ ☿ ☽		
19	c	♌ 8. 33 ♈	canc	2	○	□ ♃ ☽. □ ☉ ♃		
20	d	♄ 10. 24 ♊		15	16			
21	e	Thomas Apost.		28	17	☽ Va. curs.		
22	f	♄ 10 16 ♊	leo	12	18			
23	g	♃ 8. 24 ♎		26	19	△ ☿ ☽		
24	a	3. Sun. in Adv.	virg	10	20	□ ♄ ☽. △ ♄ ☿		
25	b	Christs Nativi.		24	21	☌ ♂ ☽. □ ☿ ☽		
26	c	S. Steven.	libra	8	22	△ ♄ ☌ ♃ △ ♀ ☽		
27	d	S. Iohn Evang.		22	☾	☽. per g		
28	e	Innocents	scorp.	6	24	☽ sov. g.		
29	f	☌ 17. 22 ♍		20	25	□ ☿ ☽		
30	g	☿ 17. 20 ♑	sagit.	4	26	☌ ♄ ☽		
31	a	☿ 26. 48 ♐		18	27	□ ☿ ☽		

Chamberlain. 1648.

A PROGNOSTICATION for the yeer of our Lord God, 1648.

Being the *Biſſextile* or Leape Yeer.

Containing many profitable Rules, and compendious Tables, fitting for men of ſundry faculties.

The Aſtronomicall Calculations, being principally referred to the Meridian and Latitude of *Bury* Saint *Edmunds* in *Suffolk*, where the Pole Artick is elevated 52. degrees, and may ſerve generally for all *England.*

Made and ſet forth according to Art, By *Joſeph Chamberlain* Chirurgion, Student in the Mathematicks.

If thou with Momus *love to carp,*
Or like Zoilus, *to pine;*
Either do ſomthing of thine owne,
Or elſe not carp at mine.

Scientia non habet inimicum niſi Ignorantiam.

London, Printed by *R. R.* for the Company of *Stationers.* 1648.

Astronomicall Calculations for this present yeer 1648.

THe true magnitude of the Tropicall yeer is 365 dayes, 5 hours, 55 firsts, 38 seconds, 2 thirds; and in this time the Sun maketh his Revolution thorow the 12 Signes, and returns again to the first minute of the Signe Aries at which time the Tropicall yeer begimneth.

The precession of the Equinoctiall is, according to the Prutenick Tables, 28 gra. 31 min. 21 sec. 5 thir. 22 four.

The Anomaly of the Equinoctiall is, 2 Sex. 5 gra. 27 min. 4 sec. 27 third. 49 fourth.

The greatest Obliquity of the Zodiack is, 23 gr. 28 min. 0 sec. 4 third.

The Excentricity of the Sun is 32191, the total being 1000000, or one part, 55 min. 53 sec. 1 third. the totall being 60.

		gr.	min.	sec.	thir.	four.	
Locus Apog.	♄	0	20	20	18	58	♍
	♃	7	25	56	42	54	♎
	♂	29	27	47	38	52	♌
	☉	11	0	34	50	22	♋
	♀	16	53	43	7	22	♊
	☿	1	36	36	24	26	♉

But according to Tycho Brahe, and our modern observations, the precession of the Equinoctiall, is 28 gra. 32 min. 43 sec. 7 thir. 22 four.

And the Apog. of Sol is 6 gr. 14m. 59 sec. of Cancer.

And the Longitude of the Sun is 9 Signes, 10 grad. 40 min. 40 sec. ☊ in 21 grad. 4 min. 11 sec. of Capricorn.

The distance of the seven Planets from the Earth, as they be in their mean motion, according to modern observation.

♄ *Saturn* is from the Earth,	9073000	Miles.
♃ *Jupiter*, is	3431400	
♂ *Mars*, is	1500700	
☉ The *Sun* is	989000	
☽ The *Moon* is	48760	

♀ *Venus* and ☿ *Mercury*, in their mean motion be as the *Sun*; to which *Copernicus* also assenteth.

The compasse of the Earth is 21600 miles; whose thicknesse, according to *Archimedes* Rule, is 6872 miles, and eight elevenths of a mile.

The *Sun* containeth the Globe of the *Moon* 7000 times. *Saturn* comprehendeth the bignesse of the Earth 91 times. *Jupiter* containeth it 95 times. *Mars*; 1 and five eighths. *Venus* is the 37 part of the Earth; and *Mercury* is the 32000 part of the Earth.

Of the magnitude of the Stars, compared to the Earth.

THere be six magnitudes of the fixed Stars; and the least is bigger then the Earth.

Stars of the first Magn. exceed the earth	107	times.
Of the second Magn.	90 1/8	
Of the third Magn.	72 1/3	
Of the fourth Magn.	54	
And Stars of the fifth Magn.	36 1/2	

The *Sun*, according to *Tycho Brahe*, doth exceed the Earth 139 times: yet the ancient Astronomers have thought it to be more.

Of the Eclipses happening this present yeer 1648.

THere will four Eclipses this present yeer 1648. viz. two of the Sun, and two of the Moon: but onely the last of the Moon will be seen in our Horizon, the other in parts far remote from us.

The first will be of the Moon, the 5 day of June, according to the Gregorian or Romish account; but the 26 day of May according to the Julian or English account. At which time the Sun will be in the 15 12 min. 40 sec. of ♊; and the Moon in the 15 12 min. 48 second of , not far from the ☌.

The beginning will be at 10 ho. 47 min. 21 sec. before noon.

The middle about high noon.

The end at 1 ho. 11 min. 25 sc. after noon.

The whole duration is 2 hours, 24 min. 4 sec.

The Digits Eclipsed, 4. 24. 54.

And this Eclipse will be seen in India intra & extra Gangem. in the Kingdom of China, in Mexicana, Nova Guinea, & Magellanica.

The second will be of the Sun.

This second Eclipse of the Sun, will happen the 11 day of June, according to the ancient Julian English account; but the 21 day, according to the Reformed or beyond-Sea-account.

The middle of this Eclipse will be at half an hour before One in the morning; at which time both the Sun and the Moon will be in 0 gr. 0 min. 20 sec. of ♋ a little past the ☌.

The Digits eclipsed, 11. 18 fir. 48 sec.

And this Eclipse (like as the former which was of the Moon) will not be seen in our Horizon, by reason the Sun will be under the earth. But those about the Antipodes, and in Tartara Mag. and the Kingdom of China: Especially those that inhabit 190 gr. of Longitude, and 57 of Septen. Latitude, shall see a very great Eclipse.

The third will be of the Moon ; and this will be ſeen in our Horizon.

This third Eclipſe of the Moon will happen the 20 day of November, according to the Iulian or English account ; but the 30 day, Stylo Novo, Gregorian or Romiſh account, at 6 a clock, 20 min. in the morning : which time the Sun wil be in 8 gr. 44 min 7 ſec. in ♐, the ☽ in 8 gr. 44 min. 6 ſec. of ♑, not far from the ☍.

	ho.	fir.	ſec.	
The beginning will be at	4.	39.	3	in the morning.
The middle will be at	6.	20.	57	
The end will be at	8.	2.	51	
The whole duration	3.	23.	48.	
The digits eclipſed	9.	12.	49.	

And this Eclipſe will be ſeen here in our Horizon.

The fourth and laſt will be of the Sun.

This fourth and laſt Eclipſe of the Sun, will be the 4 day of December, according to our Engliſh account; but the 14 day, according to the Romiſh or new named account; at 9 a clock, 21 min. 15 ſec. before noon. And although that this Eclipſe happen when the Sun is above our Horizon ; yet by reaſon of the Suns South Latitude, which is at that time 44 gr. 59 ſec. Merid. deſcend. and the Paralaxis, we ſhall not ſee it.

But thoſe that inhabit 52 gr. 59 min. of Longit. and 69 gr. of South Latit. ſhall ſee the Sun totally Eclipſed, at their 11 ho. 36 min. 10 ſec. before noon. And the Digits eclipſed, according to Tycho Brahe, are 10. 36 min. 58 ſec. but according to Copernicus, 10. 5 min. 42 ſec

Though two Eclipſes of the Sun
This yeer, ſhall other places ſee :
Yet unto *Britains* Hemiſphære,

A Prognostication.

The effects of this Eclipse continue 101 ½ da beginning *October*. 11. 1649, and ended *Jan*. 20. No seeing the effects of this Eclipse take no place t yeet, I shall not speak any thing of them at this tim

If any man be desirous to know what weathe likest to ensue, let them observe the Table with t rules hereafter mentioned, and they may in so sort satisfie their desires.

A table shewing by the Aspects of the Planets what weathe is like to ensue.

	☽	☿	♀	☉	♂	♃
♄	Clouds and Moysture. Remis heat. Hore Frosts. Clouds and Snow.	Windes and Rain. Windes and Showers. Windes and Clouds. Windes and Snow.	Cold Rain. Sudden rain. Cold Ayr. Clouds and Snow.	Rain and Cold. Hail or Rain. Windes and Rain. Remis Cold.	Rain and Thunder. Thunder and Hail. Rain and Winde. Remis Cold.	Winde and Rain. Thunder and Hail. Winde and Wet. Troubled Ayr.
♃	Temperate Ayr.	Great Windes.	Temperate Weather.	Windes. Thunder and Lightning. Windes. Remis Cold.	Windes. Tempests. Whirl-Wind. Remis Cold.	Spring. Summer. Autumne. Winter.
♂	Abates cold and moysture in hot signes, causeth Thunder as in Summer.	Windes and Cloudes. Thunder. Windes. Wet.	Rain. Showers. Rain. Remis Cold.	Dry Windes. Thunder and Lightning. Dry Windes. Remis Cold.	Spring. Summer. Autumne. Winter.	☌ ✶ □ △ or ☍
☉	Alters the Ayr according to the season.	Windes and Moysture, especially in Ayry signes.	Rain. Thunder and Rain. Rain. Moysture.	Spring. Summer. Autumne. Winter.	☌ ✶ □ △ or ☍	
☿	Moysture or Clouds. Remis heat. Clouds. Whirl Wind or Snow.	Windes and Wet.	Spring. Summer. Autumne. Winter.	☌ ✶ □ △ or ☍		
♀	For the most part Winde and Clouds.	☌ ✶ □ △ or ☍				

The uſe of the former Table of the Aſpects.

S for example, the 9 day of *January* you ſhall finde an ☌ ♄ ☽, which is an Oppoſition with *Saturn* and the *Moon*; ich by this Table in Winter make Clouds and Snow: and ☽ is the ſame day in ♏, which is a Signe of the Watery Tri-icity: So the 9 of *Jan.* is like to be ſlabby with ſleet or ſnow. The 23 day of *January* is this Aſpect of ☌ ♄ ☽, which is a onjunction with *Saturn* and the *Moon* in *Taurus*, which is a gne of the earthly Triplicity, which is cold and dry; and efore that day is like to be cold, with Froſt and Snow.

The 9 day of *May* is this Aſpect ☌ ♀ ☽, which is a Con-nction with *Venus* and the *Moon* and the ſame day is a Con-nction with ☉ and ☿, and both of them in *Aries*, which is a gne of the Fiery Triplicity, which is hot and dry. So the day of *May* is like to be tempeſtuous with thunder and ghtning.

The Weather is altered according to the ſeaſon of the er, and the nature of the ſigne that the ☽ is in; I have there-re ſet down the nature of the Signes, with their Triplicities. nd alſo the nature and quality of the Planets in their places.

The Signes of the Fiery Triplicitie. ♈ ♌ ♐ — Theſe are hot and dry, Cholerick, Bitter, Maſculine, Orientall, and of the day.

The Signes of the Earthly Triplicitie. ♉ ♍ ♑ — Theſe are cold and dry, Melancholike, Sowre, Feminine, Meridionall, and of the night.

The Signes of the Airy Triplicitie. ♊ ♎ ♒ — Theſe are hot and moſt, like the Air, Sanguine, Sweet, Maſculine, Occidentall, and of the day.

The Signes of the Watery Triplicitie. ♋ ♏ ♓ — Theſe are cold and moiſt, like the Water, Flegmatick, Unſavory, Feminine, Septentrionall, and of the night.

The

The Nature and Quality of the Planets in their pla

☉ in { ♈ ♉ ♊ / ♋ ♌ ♍ / ♎ ♏ ♐ / ♑ ♒ ♓ } addeth { Heat and moisture, / Heat and drineſſe, / Cold and drineſſe, / Cold and moiſture } as in the { Spring, / Summe / Autum / Winter.

☽ from { first ☐ ☍ / laſt ☐ ☌ } unto { firſt ☐ ☽ / laſt ☐ ☌ ☿ ♂ } addeth { Heat and moiſture. / Heat and drineſſe. / Cold and drineſſe. / Cold and moiſture.

♄ { Oriental, / Occidental, } addeth { Cold and Moiſture. / Drineſſe.

♃ { Oriental, / Occidental, } addeth { Heat and Moiſture. / Moiſture.

♂ { Oriental, / Occidental, } addeth { Heat and Drineſſe. / Drineſſe.

♀ { Oriental, / Occidental, } addeth { Heat and Moiſture. / Moiſture.

☿ { Oriental, / Occidental, } addeth { Heat, / Drineſſe.

Furthermore, reſpect is to be had to the *Apertio Port.* or pening of the gates; as the ✶ Aſpect of ♄ with the ☉, cauſe an *Apertio Port.* or with ♂ with ♀, or the △ Aſpect of ♂ w ♀ or contrary, are cauſes of opening of the gates.

When the ☽ ſeparateth from one Planet, and applieth to ther whoſe houſes are oppoſite, there is an opening of gate from whence you may queſtionleſſe expect ſome change weather; and what they be, you may know by this note follo ing.

The ☽ ſeparating her ſelf from the ☌ ☐ or ☍ of { ☉ ☿ ♂ } and applying to { ♄ ♃ ♀ } or on the contrary.

Alſo when there happeneth a ☌ ☐, or ☍, between { ☽ ♂ ♃ } and { ♄ ♄ ♀ ☿ }

ow the Planet to whom the ☾ is first joyned, is said to o-
he gates upon whom she is secondly associated: where-
, the opening of the gates from ♀ upon ♂, according to
ature of the season, signe and site, moveth rains, thun-
and sometimes snow; of ☿ upon ♃, a furious combat
forth-windes; ☉ upon ♄, darkness of the air, and ob-
clouds, with great store of wet.

lso, you are to consider the nature of the Sign where the
, at the Change, Quarters, and Full. If she be in hot
es, as ♈, ♌, ♐, in Winter a good token of fair weather;
mmer a great signification of great heat. If in Earthly
and dry Signes, as ♉, ♍, or ♑, in Winter judge cold, as
ost and snow, to ensue; but in Summer, temperate wea-
In Aiery and windy Signes, as ♊, ♎, or ♒, much
le. In Watery and cold Signes, as ♋, ♏, or ♓, in Win-
et weather; in Summer pleasant and temperate weather.
lso, if the Stars appear bigger and more blazing then
monly, it betokeneth great windes and moisture in that
where they shew; in Winter cold and frost.
nd if the Stars seem to run in the Element, it sheweth
des. And when dim Stars appear with long fiery tails,
e windes and great drought: the more in number, the
ter effects.

The generall disposition of the four quarters of the yeer, and first of Winter.

☉ in ♑ ♒ ♓

The Winter-quarter according to the Astrono-mers accompt, is already begun; namely at such eas the Sun made his entrance into the first mi-te of the earthly signe ♑, which was the last yeer 11 day of December, **at eight a clock, 28 min. 21 at night; at which time the Sun having arrived his greatest South declination, make the shortest and longest night here with us; but having begun to**

to make his precession already thorow the [illegible] signes, (viz. Capricorn, Aquarius, and Pisces) and [illegible] turn again from that Winter Solstice, toward[s] Equinoctiall signe Aries, at which time this Qu[arter] ends.

This Quarter is naturally cold and moist; [illegible] beit, sometimes it fortuneth that this Quarter [illegible] exceed, or fail in his nature, according as the Pl[anets] be situated in the Signes.

The diseases ordinarily bearing sway at this t[ime] are most proceeding from the Head, by distillat[ion] unto the other parts; as Ctarhs, Coughs, Hoarse[ness] Stoppings, and Inflammations of the Lungs, digestio[n] Appettie, pain in the Shoulders, Back and [illegible] Collicks, Stitches, both in Sides and Loyns, G[out] in the Joynts, with divers the like.

The Trees now bare and naked stand,
No Fruit nor Leaves are seen,
But all consumed by Boreas breath,
As if they had not been.
The Fields likewise with green all spread,
Appeared to our sight;
But now each Field and pleasant Mead,
All mantled is with white.

Of the Spring, the second Quarter of the Yeer.

☉ in ♈ ♉ ♊.

From the greatest declination Southward, where[of] I spake before, the Sun beginneth to mount [now] towards our Zenith, causing the Vernall Equi-noctiall, and beginneth the Spring Quarter, [which]

he ſecond part of this yeer, the ſame beginneth when Winter ended; that is to ſay, when the entreth the firſt minute of the Equinoctiall ſigne , which is this yeer the 9 day of March, at clock, 37 minut. and 19 ſec. at Night. At ich time the dayes and the nights are of equall gth; ſo aſcending forth along the ſignes of the ing (viz. Aries, Taurus and Gemini) untill at length meth unto his greateſt exaltation and height e our heads, where Summer, the third part of peer taketh its beginning.

Of naturall complexion, this Quarter is moyſt warm, agreeing with Winter in one quality, m it immediately followeth; and with Summer nother, before whom it cometh.

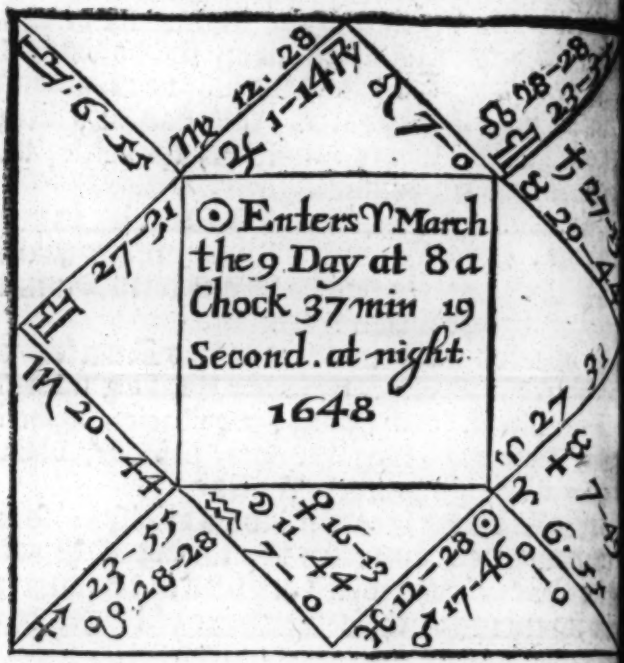
The diſeaſes moſt incident to this Quarter, are lancholike-madneſſe, Head-ach, Falling-ſickneſſe, es of Blood, and Choler, Squinacies, Infective ughs, Tetters and Ring-Wormes, Leproſie, Blaines, bs, Small-Pox, and divers the like.

As this Quarter breedeth divers diſeaſes; ſo is it convenienteſt time for the taking of Phyſick, h for thoſe diſeaſes which are bred in this quarter, alſo for curing of thoſe which are of longer conti- ance.

The pretty Birds upon the Trees,
Now take delight to ſing;
Whilſt Titan with his glorious beams,
Doth make the branches ſpring.
And Flora now much pleaſure hath,
To view her tender Flowers;
Which lately ſprung up from the Earth,
By means of Aprill ſhowers.

A Prognostication.

A Figure of the Heaven at the Sun entrance into *Aries*, the Vernall Æquinoctiall.



HAving diligently observed the places of the Planets, both in this Figure of the Revolution the yéar; and also in the Conjunction Prevention and Oppositon Postvent. I finde Mars to exceed all of the other Planets in Dignities, and Mercury to be co-partner with him, being the next in dignities to him.

♄ is Lord of the 4, but placed in the 8, which is Locus interficiens & domus mortis. ♃ is Lord of the 3, but placed in the 10, Retrograde, and in his de-

nt. ♂ is exalted in the intercepted signe of the ♐, placed in the 5, and is Lord both of the 2, 6 and ouse. The ☉ is Lord of the 10, but placed in the ☿ is Lady of the Ascendant and 12. but placed in 4, in a □ to the Ascendant. ♀ is Lord of the 9 the 11, but placed in the 6.

What may be said of this yeers Revolution, I shall here set down: but those that desire to be satisfi- let them read Guido Bonat. part. 4. and Haly part. 8. Albumazer de mag. Con. of ♄ being in the 8 house, ♃ in the 10, and ♂ in the 5; and so of the rest.

Qui sapit, ille animum fortunæ præparat omni,
Prævisumque potest arte levare malum.

Of Summer, the third part of the Yeer.

☉ in ♋ ♌ ♍.

The Sun having run forth his race thorow the Signes of the Spring, (viz. Aries, Taurus, Gemi-) untill at length he cometh unto the first minute Cancer, whereas he maketh the Estivall or Sum- Solstitium, and our longest day in the yeer, ich is this yeer the 11 day of June, at 0 hour, 27 51 sec. in the morning; and then he is in his atest declination Northwards, and nighest to our with, insomuch that he walketh away from us, and inneth to decline towards the South, and maketh dayes shorter and shorter, as he passeth thorow the gnes of the Summer, (viz. Cancer, Leo, and Virgo,) ill he come to the last minute thereof; at which e, this part of the yeer endeth.

Infirmities like to molest the state of mans body, many of those that I have already named in the ing Quarter: Moreover, intermitting and burning

burning Tertians, Quartans, and Feavers of all sorts; and also Cholerick, Vomits, Flures, and sharp dropping Eyes, Griefs in the Ears, Sore Mouthes, Botches, and Biles, with dissolving Sweats, and the like.

Now is the pleasant Summer time,
In which the glorious Sun
Is monted up upon the Crab,
His Northern course to run:
Where from aloft he doth behold,
The craggy Earth so dry,
The which in Winter froz'n with cold,
With heat now's like to fry.

Of Autumn, or Harvest the last part of the Yeer.

☉ in ♎ ♏ ♐.

HArvest, or the last part of this common yeer, beginneth immediately after the Suns departure from the last minute of Virgo, into the first minute of Libra, which shall be this yeer the 12 day of September, at 3 a clock, 13 minutes, 14 seconds, after noon: And then is the second, Hyemall, or Winter Equinoctiall, at what time the dayes and the nights are of equall length in all parts of the World.

Thus consequently continueth this season, whilest the Sun runneth thorow the three Harvest Signes, (viz. Libra, Scorpio, and Sagittarius) untill he cometh unto the last minute of Sagittarius, at which time, this part of the yeer endeth.

The naturall temperature of this Quarter, is to be cold and dry, variable and inconstant: A dangerous time for diseases, and diseased persons.

Griefs overthrowing the prosperous estate of many by this Harvest-Quarter, are many of the Summers sickness, few thereof ending at this time, more increasing, and bringing many to their long home; as the Consumptions, Dropsies, and notable Obstructions, Sciatica, and many others proceeding of melancholy.

The Spring was brag of her sweet flowers,
And Summer of his fruites;
But let them brag, so long as I
Of them do reap the fruits.
For what the Spring brought forth in Flowers,
Was rip'd by Summers heat;
But I now daily spend my hours,
To store them up for meat.

Of the Julian yeer, or our Vulgar yeer; and of the Leap-yeer, and the cause thereof; with the divers beginnings of yeers.

IUlius Cæsar, *anno Mundi* 3925, 45 yeers before the birth of our Saviour Christ, and the yeer before his own bloody death, noting the falsnesse of the yeer then used, by the counsel of *Sosigines* an excellent Mathematician, made the yeer to consist of 365 days and 6 hours: And because it would be very difficult to computate these 6 hours every yeer; for should you begin this yeer at 12 a clock and six hours, it must needs end the next yeer at 12 and 6 hours, and the next yeer following would end at midnight, *&c.* so that we should drive the beginning of the yeer every four yeers a day further (without the getting of a day): so that in 124 yeer, the Annunciation of *Mary* would fall to be where S. *Mark* the Evangelist is, or a day sooner. To avoid which inconvenience, *Cæsar* concluded, that every 4 yeers there should be a day gotten by the surplus of the 6 hours in every yeer (for 4 times 6 make 24 hours, which is a day natural) which day he added to *February*, for that it is the shortest month, and according to the ancient, and also according to our Churches account the last month; and this day they

put at the 25 of *February*; so that the letter *F* is twice repeated, *S. Matthias* day being observed upon the later.

Bissextum sexto Martis remouere Calendis,
Posteriore die celebramus festa Mathiæ.

So that the *Julian* yeer is twofold, as *Julian*, and *Bissextil*, is called *Bissextil*, of *Bis* and *sex*, because the 6 Kalends *March* are twice repeated. So may it be called *Annus intercalaris*, because of the day that is put between. So may *February* in that respect be called *Mensis intercalaris*: and so may the 25 of *February*, that yeer, be called *Dies intercalaris*.

But since the *Romans* have found that this *Julian* yeer was too great, and by the help of *Antonius Lilius* they have abated the quantity of the yeer, making it to consist of 365 days, 5 hours, 49 minutes, and 12 seconds, whereby their account of the celebration of the Festival days and of the times of the yeer differeth 11 days from ours: and yet is neither of the accounts of the yeer precisely true, by occasion of the unequal precession of the Equinoctial points; of which it is no place to speak here.

And according as there are divers Nations, so hath the yeer divers beginnings, which by some are called *Epocha*, or *Æra*. *Numa Pompilius* did begin the yeer at the *Hyemal Solstice*, because as then the Sun began to ascend. *Romulus* began the yeer at the Equinoctial of *March*, because as then all things began to flourish, all trees and plants to bud, &c. The *Athenians* begin their yeer at the *Estival* Solstitial, because they were of opinion the Sun was made in *Leo*. Some let their yeer take beginning at the *Autumnal* Equinoctial. The Egyptians count from the death of *Nebuchadonozor*; the Persians, from *Jezdegird*; the Arabians or Moors, from the preaching of *Mahomet*, who was after the birth of our Saviour Christ 626 yeers. The Astronomers begin their yeer the first day of *January*, and so it is vulgarly taken in *England*: But the Church of *England*, and the date of all Writings, and such like, have their beginning of the yeer from the 25 day of *March*. The Jews began their yeer after two sorts: for their Feasts, in *March*, and for other affairs, in *September*. The Spaniards did

their yeer from Tributes and all other Payments, from the Emperour *Octavian*, until King *John* altered it to the Nativity of our Lord. And you may note that it was 500 yeers after the birth of our Saviour Christ, that the Christians did begin their yeer at the Annunciation of *Mary*.

know how long the *Moon* shineth, when she riseth and setteth, with the cause of her lesse or greater light.

The Moon hath no light but what she receiveth of the Sun, being a dark and grosse body, as is well manifested in the time of her Eclipse, and although the Vulgar think she is now partly lightned, and then total, the imagination is meer false; for the Moon retaines one and the self same quantity of light at her quarters and other aspects, as at the full: for she is a round Globe, and that part of the Globie or body that beholdeth the Sun, is alwaies lightened; so that when she is neer the Sun, the lightned part is averted and turned from us respectively to the Sun, because she commeth more and more under the Sun, receiving thereby light upon her uppermost part, which beholdeth the Sun, and therefore the farther she is from the Sun, the greater is her light to us.

To know how long she shineth, do thus.

If the increase of the Moon (that is from her change unto the full) multiply her age by 4. and the number that ariseth of that Multiplication, divide by 5. and the Quotient sheweth the number of houres she shineth after the Sun-set; if any number remain after division, multiply that remainder by 12. and it shews the minutes to be added. But in her decrease (that is from the full to the change) Subtract her age from 30. and the remainder multiplyed by 4. and divided by 5. shewes how long she shineth before the

Sun riseth, but yet multiplying the remainder 12, and adde the minutes as before.

Example.

The 24 day of January the Moon is ten days which multiplyed by four makes forty, which parted by five, the quotient will be eight: so the day of January the Moon ryseth eight hours after Sun is down, and the Sun goeth down then an hour after 4: to which if you adde 8, it maketh and 30 min. from which take half of the Natural which is 12 hours, and then there will remain 0 and 30 min. so the 24 day of January the Moon 8 hours after the Sun is down, and goeth down an hour before 1 a clock in the morning. Again 3 day of February the Moon is 20 days old, which from 30, there will remain 10, to be multiplyed and parted by 5, as before; and the quotient will be as before, which sheweth the Moon riseth 8 hours fore the Sun: Now taking 8 out of 7 and 12 the time of the Suns rising, you have the rising of Moon: but because 8 cannot be taken out of 7 12 min. you must adde 12 to 7 and 12 min. so you have 19 and 12 min. from which take 8, there will remain 11 and 12 min. so the 3 day of bruary the Moon riseth at 11 a clock and 12 min. night.

Again.

Suppose the Moon to be three dayes old, Multiply three by four, and it makes twelve, which divide five, and there will be in the Quotient five, and remainning; then multiply the remainder which two, by twelve, and thereof cometh four and twenty which are minutes to be added to the quotient; so Moon three dayes old shineth two hours, and four twenty minutes after Sun set.

But such as are not skilful in Arithmetick, may make use of this ensuing Table, the use whereof is:

FIrst seek out the age of the Moon in the first Columne, towards the left hand, either ascending or descending; and right against that in the middle Columne (under the title the Moons comming to South) you shall find the hour and minute of her shining.

The D age	The D comming to the South.	The D age to know the hour of the night.
D.	H. M.	D. D
29.	12. 48.	1. 16.
28.	1. 36.	2. 17
27.	2. 24.	3. 18.
26.	3. 12.	4. 19
25.	4. 0.	5. 20.
24.	4. 48.	6. 21
23.	5. 36.	7. 22
22.	6. 24.	8. 23
21.	7. 12.	9. 24
20.	8. 0	0 25
19.	8. 48.	11. 26
18.	9. 36.	12. 27
17.	10. 24	13. 28
16.	11. 12.	14. 29
15.	12. 0	15. 30

Example.

The Moon being 9 daies old, I desire to know how long she shineth. I find out first in the first Columne on the left hand, descending 9: and right against that in the middle Columne, 7. 12. So the Moon being 9 days old, shineth 7 hour. and 12 min. then for her rising and setting, worke as before.

Again, The Moon being 25 days old, I desire to know how long she shineth: seeking in the first Columne towards the left hand, I find 25 in that row which is ascending, and right against that in the middle Columne

4. 0. so the Moon being 0 days old, shineth 4 hours and 36 minutes.

To know at what time the Moon will be full South, any day in the Year.

SEek the Moons age in the last Columne towards the right hand, and right against that towards the left

left hand in the middle Column is the hour of coming to the South. And note, all the increase commeth to the South after noon (that is until she 15 daies old) and all the decrease she commeth to South in the morning.

Example.

I desire to know at what time the Moon will South, when she is 11 days old; first I seek her in the last Column towards the right hand, and against that in the middle Column I find 8. so the Moon being 9 days old, comes to south at clock & 48 min.

To know what hour of the night it is by the shadow of the Moon in a Sun Dyal.

LOok upon a Sun-dyal, and see what a clock it by the shadow of the Moon (as you do by Sun) noting how much it wants or is past 12 a clo for so much it wants or is past the hour of her ing to the South that day; which hour of her ing to the South, you were taught by the last dire on to finde.

Example.

Suppose you find the Moon to cast a shadow on dyal at 10 a clock, and the Moon to be then 9 days you shall find by the former Table that when she is days old, she cometh to the south at 7 a clock 12 mi now because her shadow was but at 10 of the clock the dyal, she wanted 2 of her coming to the South then subtract 2 from 7 & 12 min. and there will remain 5 & 12 min. which was the hour of the night But if the shadow of the Moon had been past 12, you must have added it to the time of the Moons coming to the South, as if the shadow had been at 3 a clock adde 3 to 7 and 12 min. and it makes 10 a clock 12 min. which was the hour of the night.

ertain Elections to be choſen by courſe of the Moon.

The Ancient both ſay, that when the Weather is extreme hot or cold, it is not good to Purge, or let blood, unleſſe that ſome great neceſſity require And therefore Hippocrat. part. 4. Aphor. 5. Sub canicula, & ante caniculam, difficiles ſunt purgationes. **rgations and the adminiſtration of Phyſick, is gerous about the** Dog-dayes; **and again,** Part. 4. hor. 4. Aeſtate ſuam naturam ſervante, ſuperiorem po-: Hyeme inferiorem purgare convenit. **By which underſtand, that if neceſſitie urge to take Phyſick in Summer, it ought to be by Vomit; but in inter by Purgations.**

The fitteſt times to take Phyſick by Purgations the Aſtrologers ſay) **are to be elected according to motion of the Moon, in Watery Signes: Ther-** Hermes, **in the** 74 **of his** Centilo. Luna exiſtente in is ruminantibus vel conjuncta Planetæ retrogrado, eſt bonum Purgationibus uti.

Let not ſayes he, The Moon be in Signes that w the Cud (in giving purging **medicines**) as es, Taurus, **and** Capricornus, **or joyned to a Planet t is Retrograde, for it will cauſe Vomit,** &c.

And Ptolomy **alſo, in the** 19 **of his** Centilo. Si quis gatorium acceperit, Luna cum Jove exiſtente: adiabitur ejus opus, & affectum ipſius minuetur.

The beſt times to purge, if the time be temperate, { by Drinks, by Electuar. by Pills, } the ☽ in { ♏ ♌ ♐

To

To enter Baths, for hot diseases ⎫ the ⎫ ♏ ♋ ♓
For cold diseases ⎪ ⎪ ♈ ♌ ♐
To stop Fluxes, Rhumes and Laxes ⎪ ⎪ ♉ ♍ ♑
To take Preparatives ⎬ ☽ ⎬ ♈ ♌ ♐
To take Vomits ⎪ ⎪ ♈ ♌ ♐
To take Gargarizes ⎪ ⎪ ♈ ♌ ♑
To take Glisters ⎭ in ⎭ ♎ ♏

Good to comfort the Vertues
Attractive ⎫ the ⎫ ♈ ♌ ♐
Retentive ⎪ ⎪ ♉ ♍ ♑
Digestive ⎪ ☽ ⎪ ♊ ♎ ♒
Expulsive ⎭ in ⎭ ♋ ♏ ♓

And concerning Blood-letting, although some (more precise then wise) will not give consent to let Blood when the Moon is in a Signe that governs that part in which the Vein is to be opened; yet if there be a continuall burning Ague, the Pestilence, a Pluriste, Phrensie, Squinancy, or great Head-ach proceeding of Choler, or hot superfluous Blood, or any extreme pain caused by heat, or choler; in any of these causes, a man may not tarry for a chosen day, but must open a Vein immediately, if the strength of the Patient will permit.

Let blood for young persons, from the Change to the first quarter.

For them of middle age, from the first Quarter to the Full.

For elder folk, from the Full to the last Quarter.

For old folk, from the last Quarter to the Change.

Good to
Cut Hair. ⎫ the ⎫ ♉ ♍ ♒ ⎫
Set or Sow. ⎪ ⎪ ♉ ♋ ♍ ♒ ♑ ⎬ Increasing
Graft or Plant. ⎪ ☽ ⎪ ♉ ♌ ♏
Cut Vines. ⎭ in ⎭ ♈ ♎ ♐.

Geld or Lib Cattel, the Moon in ♐, ♑, & ♓, decr.
Fell timber, from John Baptist to the end of the yea.
Remove Grafts or young Trees, at the last Quart.